

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/839,100	04/20/2001	Goran Eriksson	45687-00054	1746

38065 7590 06/23/2004

ERICSSON INC.
6300 LEGACY DRIVE
M/S EVR C11
PLANO, TX 75024

EXAMINER

MARTINEZ, DAVID E

ART UNIT	PAPER NUMBER
----------	--------------

2182

DATE MAILED: 06/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/839,100

Applicant(s)

ERIKSSON ET AL.

Examiner

David E Martinez

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3 and 6-16 is/are rejected.
- 7) ☒ Claim(s) 2, 4-5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 April 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 03112002.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Drawings

The drawings are objected to because Figure 3 contains colloquial language. The term "wanna" on elements 1, 3, and 5 should be replaced with "want to". Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

Claims 4 and 5 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claim. See MPEP § 608.01(n). Accordingly, the claims have not been further treated on the merits.

Specification

The abstract of the disclosure is objected to because it seems to have a typo on the sentence "A set of configuration requests is the constructed at the terminal..." seems that it would make sense if "the" was deleted but it isn't clear if that is what the inventor wanted to

Art Unit: 2182

write. The reference to Figure 2 should be eliminated as well as legal terminology such as "comprising". Correction is required. See MPEP § 608.01(b).

The disclosure is objected to because of the following informalities: there are many typos throughout the "Background Art" and "Summary of the Invention", the specification is full of replete with idiomatic and translational errors too numerous to mention Furthermore, page 11, claim 10, line 11 contains two "the", one should be deleted. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3 and 6-16, are under 35 U.S.C. 102(b) as being anticipated by International Publication No. WO 00/11886 to Telia.

1. With regards to claims 1, 13, Telia teaches a method in a communication network for invoking services [see abstract], the communication network comprising at least one or more terminals and at least two service entities [page 4 lines 14-19], the method being characterized by the following steps:

a) deducing at a terminal necessary support and service components for providing an end-user service [page 4 lines 10-23],

b) constructing at the terminal a set of configuration requests, each associated with one or more specific service entities for invoking individual service components composing a service [page 20 lines 10-13, several requests can be sent over a period of time],

c) forwarding each configuration request from the terminal in a way chosen in accordance with predefined criteria [page 5 lines 9-12, page 20 lines 10-13].

Art Unit: 2182

2. With regards to claim 3, Telia teaches the method of claim 1, characterized in that depending on the predefined criteria, two or more of the configuration requests are forwarded to the service entities in a coordinated way by using network support [page 4 lines 10-23, page 5 lines 10-18].

3. With regards to claim 6, Telia teaches a terminal in a communication network for invoking services [page 20 lines 10-13], the communication network comprising at least one or more terminals [page 4 lines 14-19] and at least two service entities [page 4 line 24 to page 5 line 3 and lines 9, 10, 17, 18], the terminal being characterized by

a) means for deducing at a terminal necessary support and service components for providing an end-user service [page 4 lines 10-23],

b) means for constructing a set of configuration requests, each associated with one or more specific service entities for invoking individual service components composing a service [page 20 lines 10-13],

c) means for choosing a way for forwarding each configuration request in accordance with predefined criteria [page 5 lines 9-12, page 20 lines 10-13].

d) means for forwarding each configuration request in the way chosen [page 5 lines 9-12, page 20 lines 10-13].

4. With regards to claim 7, Telia teaches the terminal of claim 6, characterized by means for forwarding two or more of the configuration requests to the service entities in a coordinated way by using network support [page 4 lines 10-23, page 5 lines 10-18].

5. With regards to claim 8, Telia teaches an assembler unit in a communication network for invoking services [page 20 lines 10-13], the communication network also comprising at least one or more terminals [page 4 lines 14-19] and at least two service entities [page 4 line 24 to page 5 line 3 and lines 9, 10, 17, 18], the service unit being characterized by means for handling

Art Unit: 2182

a set of configuration requests sent from a terminal in the communication network [page 20 lines 10-28], each associated with one or more specific service entities for invoking individual service components composing a service [page 4 line 26 to page 5 line 3].

6. With regards to claim 9, Telia teaches the assembler unit of claim 8, characterized in that the means for handling the set of configuration requests consist of

means to analyse the set of configuration requests and

means to distribute the dissambled requests to the service entities in a way chosen by the terminal [page 20 lines 10-28].

7. With regards to claim 10, Telia teaches the assembler unit of claim 9, characterized in that the means for handling the set of configuration requests consist of

means to analyse and distribute the requests to the service entities in a way influenced at least partly by the assembler unit [page 20 lines 10-28].

8. With regards to claim 11, Telia teaches the assembler unit of claim 9, characterized in that the means to distribute the requests to the service entities in a way influenced at least partly by the assembler unit comprises means to analyse and coordinate at least one of the requests sent by the terminal [page 20 lines 10-28] and means to send the least one of the configuration requests via a further assembler unit in the communication network to the service entities [page 4 lines 10-23].

9. With regards to claim 12, Telia teaches assembler unit of any of claim 7-11, characterized in that it has means for reporting to the terminal the outcome of the terminal's original request [page 20 lines 21-28].

10. With regards to claim 14, Telia teaches the communication network of claim 13, characterized in that the means for forwarding each or a part of the configuration requests to the

Art Unit: 2182

service entity/entities is one or more separate assembler units between the terminal and the service entity [pg 4 line 24 to page 6 line 13, and page 7 lines 10-16].

11. With regards to claim 15 Telia teaches the communication network of claim 13, characterized in that the means for forwarding each or a part of the configuration requests from the terminal to the service entity/entities in question in accordance with pre-defined criteria are positioned in the terminal [page 7 lines 17-25].

12. With regards to claim 16 Telia teaches the communication network of claim 13, characterized in that the service composed by the individual service components is analysed and distributed by means of the assembler unit [page 20 lines 10-28].

Allowable Subject Matter

Claim 2 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US Patent Application Publication No. US 2003/0081617 A1 to Deng .

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E Martinez whose telephone number is (703) 305-4890. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A Gaffin can be reached on (703) 308-3301. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2182

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DEM



JEFFREY GAFFIN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100